

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/005076

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	C08F10/00	C08F2/34	C08F2/01	B01J8/08	B01J8/24
	C08F2/00	C08F2/14	C08F2/01		

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 517 868 A (NESTE OY) 16 December 1992 (1992-12-16) cited in the application claims; examples	1-41
A	WO 00/02929 A (COVEZZI MASSIMO ;GOVONI GABRIELE (IT); MONTELL TECHNOLOGY COMPANY) 20 January 2000 (2000-01-20) claims; figures	1-41
A	WO 00/69552 A (DSM NV ;MUSTERS STANISLAUS MARTINUS PE (NL)) 23 November 2000 (2000-11-23) page 5, line 5 - page 9, line 32; claims; figures	1-41
	----- -/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

17 August 2004

Date of mailing of the International search report

24/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Kaumann, E

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/005076

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/41986 A (DSM NV ;MUTSERS STANISLAUS MARTINUS PE (NL)) 30 May 2002 (2002-05-30) cited in the application claims; figures -----	1-41
A	US 5 656 243 A (PAPA GIOVANNI ET AL) 12 August 1997 (1997-08-12) figures -----	23-39
A	US 2 763 599 A (MATHESON GEORGE L ET AL) 18 September 1956 (1956-09-18) claims; figures -----	23-39
A	DE 39 16 325 A (GROCHOWSKI HORST) 22 November 1990 (1990-11-22) claims; figures -----	23-39

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/005076

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0517868	A	16-12-1992	FI 906428 A AT 130316 T DE 69114696 D1 DE 69114696 T2 DE 517868 T1 DK 517868 T3 EP 0517868 A1 ES 2079844 T3 WO 9212182 A1 GR 3018786 T3 JP 2529923 B2 JP 5504786 T NO 923334 A , B, US 5326835 A	29-06-1992 15-12-1995 21-12-1995 11-04-1996 22-07-1993 18-03-1996 16-12-1992 16-01-1996 23-07-1992 30-04-1996 04-09-1996 22-07-1993 26-08-1992 05-07-1994
WO 0002929	A	20-01-2000	AT 232215 T AU 760115 B2 AU 5031999 A BG 104300 A BR 9910200 A CA 2301517 A1 CN 1137142 C DE 69905231 D1 DE 69905231 T2 DK 1012195 T3 EG 22512 A WO 0002929 A1 EP 1012195 A1 ES 2190232 T3 HK 1026440 A1 HU 0004633 A2 ID 24622 A JP 2002520426 T NO 20001150 A PL 339127 A1 PT 1012195 T RU 2223974 C2 SK 4882000 A3 TR 200000617 T1 TW 486487 B US 6689845 B1 US 2004072971 A1 ZA 200001572 A	15-02-2003 08-05-2003 01-02-2000 31-05-2001 25-02-2003 20-01-2000 04-02-2004 13-03-2003 13-11-2003 26-05-2003 31-03-2003 20-01-2000 28-06-2000 16-07-2003 01-08-2003 28-04-2001 27-07-2000 09-07-2002 05-05-2000 04-12-2000 30-06-2003 20-02-2004 09-10-2000 23-10-2000 11-05-2002 10-02-2004 15-04-2004 16-10-2000
WO 0069552	A	23-11-2000	NL 1012082 C2 AT 254501 T AU 4955400 A BR 0010751 A CA 2371049 A1 CN 1134293 B DE 60006676 D1 EP 1196238 A1 ES 2211549 T3 JP 2002544333 T WO 0069552 A1 US 6403730 B1 US 6506855 B1	21-11-2000 15-12-2003 05-12-2000 26-02-2002 23-11-2000 14-01-2004 24-12-2003 17-04-2002 16-07-2004 24-12-2002 23-11-2000 11-06-2002 14-01-2003

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/005076

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0241986	A	30-05-2002	NL AU WO	1016681 C2 2420302 A 0241986 A1	23-05-2002 03-06-2002 30-05-2002
US 5656243	A	12-08-1997	CA RU	2173385 A1 2156651 C2	05-10-1996 27-09-2000
US 2763599	A	18-09-1956	NONE		
DE 3916325	A	22-11-1990	DE AT AT AU AU DD DE DE DK WO EP EP ES HU JP JP RU US	3916325 A1 102850 T 128641 T 629351 B2 5644590 A 294425 A5 59005033 D1 59009752 D1 472565 T3 9014156 A1 0472565 A1 0574675 A1 2053188 T3 59849 A2 7094010 B 4506474 T 2095132 C1 5441704 A	22-11-1990 15-04-1994 15-10-1995 01-10-1992 18-12-1990 02-10-1991 21-04-1994 09-11-1995 01-08-1994 29-11-1990 04-03-1992 22-12-1993 16-07-1994 28-07-1992 11-10-1995 12-11-1992 10-11-1997 15-08-1995